3:Iyer E-5 (no date) 1948 AWS Coorg AWS

249 [655] tree is needed to reinvigorate them In the time of the Coorg Rajas cardamoms were a Government monopoly. Now the jungles are held from the State on a lease of ten years.

Coffee Cultivation.

245 [177] The cultivation of coffee is another great industry in Coorg. It was first introduced by the Moplas, and the Coorgs borrowed it fron them. It became a popular industry which effected great changes in their economic life. But the depression which has since followed led to the abandonment of many estates and to renewed interest in rice cultivation.

Fruit Cultivation

Of fruit trees, plantains and oranges are common all over Coorg. Coorg oranges are famous. The best variety is the luscious loose jacket, so called because the rind of the ripe fruit is almost detached from the pulp. Pineapples, pomegrantes, and jack fruit are abundant.

231 222 237 [+31] [+32]

Honey and Wax

Honey and wax are of great importance to the Coorgs. The latter is one of their articles for sale and export. The native bees are rather small, dark brown or black. Most swarms live in hollow trees or among rocks. But tht Coorgs make hives, put them near the old swarms and wash them inside with honey in the hope that new swarms will settle in them. Such swarms belong to the maker of the hive, while other swarms belong to the finder. The hives are made in hollowed logs loosely fitting in set ends. They are usually three to five feet long and about one foot in diameter. They are laid horizontally in the forks of trees often as much as 20 feet from the ground. This is to protect the swarm from animals. To obtain the honey and wax, the swarm is first stupefied with smoke from torches. The end of the comb is then fried out and all the comb is then removed at once destroying the colony. A large wooden bowl of special type is used for collecting the honey. Another method of gathering honey is to take a number of pots with small holes, the inside of which are either washed with honey or rubbed with beeswax. These pots are placed in the forest at a distance from their homes. Bees are gathered and form a colony in each pot. The inmates of the house go there at night. cover them with a kerchief, bring them home, and place them conveniently on a plank five feet from the floor, and allow them to remain until the comb is developed. [251] [252] When honey is finally gathered by pressing, it is strained through cloth, and preserved in vessels before being used. After the honey is pressed out, the residue is boiled and strained to collect wax which is poured in shallow vessels where it becomes solidified. It is then sent to the market for sale.

4: Richter M, G-5 (ca. 1856-1870) 1870 AW5 Coorg AW5

137 card cases, paper cutters, fans, walking sticks, etc. which are
313 made chiefly in Nuggur and North Canara. Sandal-wood is
[322] also a Government monopoly and is collected at an expense
[655] of one eighth of the value of the wood, trees when from 16
to 40 years old according to the nature of the soil, where
grown, are cut down; the best yield a billet of 5 inches square
[652] and 4 or 5 feet long. The wood fetches at the public auctions
[437] periodically held by Government at the cotics or wood stores,
from 70 to 98 Rupees per candy of 550 avoirdupois, and is
[439] generally exported to Bombay. Natives distinguish 3 kinds
according to colour: the "red sandal" (sriganda) which is the
most highly scented, the "yellow sandal" (arasana ganda), and
the "white sandal" (bili ganda) which possesses but a faint
314 aroma and is least prized. The chips are burnt as perfume,
[302] or reduced to powder which enters into the composition for
marking the foreheads of natives. The roots, containing the
[303] greatest amount of the essential oil, are chiefly used for its
production. It is heavier than water and yields an excellent
245 perfume. The sandal tree is propagated from seed and suc-
kers, springing up from the roots.

137 A stately though not very valuable tree all over these
313 parts of the country is the *Wild Mango tree*, which towers with
its lofty crown far above its humbler neighbours. But the
giant of these jungles is the *Ajini* or *Wild Jack tree* (Arto-
carpus hirsuta), the timber of which is most useful for house
and ship building. The rosy-tinted, smooth-barked *Ben-teak*
or Nandi (Lagerstroemia parviflora) is reputed for its excel-
lent timber.

137 A splendid jungle tree, when in flower in February and
314 March, is the *Red Cotton tree* or Bombax Malabaricum a very
large specimen, stands in front of the Anandapur Mission
Church. Its flowers are large and of a deep red colour, and
the many seeded capsules contain a silky cotton, which is
employed for stuffing pillows and mattresses. The staple is

4: Richter M, G-5 (ca. 1856-1870) 1870 AW5 Coorg AW5

231 cription might be reared on sound farming principles. As it is, the cattle of Coorg are of a mediocre breed, better in the north and east, worse in the centre and south-west. The [439] Coorgs procure their cattle partly from Mysore, partly from the annual fair at Subramanya. The ryots have generally too great a number of them, to which they cannot properly attend, and it is not to be wondered, that there is almost annually a great mortality amongst the cattle from what the Coorgs call dodda róga i. e. great disease, the cattle refusing food and being frequently purged, gantlu-kattu i. e. throat [578] swelling disease and the kálu-jwara or foot-sore disease. The increasing coffee cultivation of late years has somewhat limited the pasturage and the constant cattle trespass on coffee plantations is a cause of much vexation and loss, both to 231 planters and ryots. The Coorgs, like other Hindoos, hold the 778 cow sacred; it is a sort of sentimental veneration for the ani- 656 mal which ploughs the fields and, motherlike, gives milk; 648 but does not prevent them from inflicting cruelty upon the sacred beast by ill use, neglect and starvation. The slaughter of kine within the limits of the Coorg Province was distinctly prohibited by General Fraser on the assumption of the administration in the following terms:

To

Lieutenant C. F. LeHARDY,

Superintendent of Coorg.

Sir,

Having ascertained, that it is highly offensive to the religious feelings of the people of Coorg, that cows or bullocks should be killed for the purpose of being used as an article of food, I request, that you will be so good as to prohibit this

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valley, having a rivulet running through them are called "Beilu-gadde," and those terraced up along the sides and chiefly depending on the rainfall are named "Maki-gadde." 243

The rice cultivated throughout Coorg and in general use is the large grained "Dodda-batta", which is also exported. A finer and more agreeable kind is the small rice "Sanna-batta" and a red variety the Késari; for parched rice they use the "Kalame". [439]

Except in a few valleys in North-Coorg, there is annually but one rice crop, but its return is so rich, that the ryots may well be satisfied and allow their wretched cattle rest and their fields to lie fallow or to "sun themselves," as the natives say, for the remainder of the year. Whilst in the low country and also in some parts of North-Coorg the average return of one crop is from 10 to 25 fold, that in most parts of Coorg proper is from 40 to 60 fold, and in seasons of extraordinary fertility even from 80 to 100 fold, which exceeds by far the famous fertility of Egypt! 243 433

The agricultural implements are few and of the rudest kind. The plough, constructed by the ryot himself, consists of a Sampige-wood ploughshare, with an iron point, a handle of Pali-wood and a pole of palm wood for the yoke, and is so light, that the farmer carries it to the field on his shoulders. Its value hardly exceeds one rupee. The Tawe which answers to our English harrow is generally a simple board to which a split bamboo is fastened to connect it with the yoke. The driver standing on the board adds to the efficiency of the operation, be it for pulverizing dry ground, as in the Módu-shime or eastern district, or smoothing and levelling the wet fields. A strong sickle and a mamoti or hoe complete the stock of farming utensils. To cultivate 100 butties of land, which is equivalent to an area yielding 100 butties at 80 seers by measure of paddy, or rice in the husk, a farmer requires either a pair of bullocks, or a pair of buffaloes, one 407 [824] [412] 243 492

4: Richter M, G-5 (ca. 1856-1870) 1870 AW5 Coorg AW5

249 to the hut before sunset. After a hearty meal, they pick the capsules from the branches, an operation that keeps them up till late at night. With the dawn of day the men set out again for the plantation. The master remains. At noon the women of the house arrive; the picked cardamoms are measured into bags which they carry home to the drying ground. In the Gade-males the cardamoms are dried on the spot on a bamboo mat in the open but near a sheltering hut in case of rain. They are thinly spread and require but 4 days' hot sun to dry; further exposure would cause the capsules to burst, which is avoided. Before the capsules are ready for the market, the fruit-stalks are rubbed off, and all impurities [251] removed. When assorted according to size and colour, they are stored away in closed baskets in a dry room, to preserve [439] their aroma. Mopla traders or their agents visit the Nâds at this time with a stock of bright handkerchiefs and other attractive finery for the Coorg women and make many a good bargain.

Some Coorgs gather from 30 to 50 maunds in weight of dry cardamoms, one maund (equal to 1,100 rupees in weight) is worth from 50 to 65 rupees in Coorg. The average produce of one garden of a quarter of an acre in extent may be estimated at 10 seers of dry cardamom. The contingent expenditure is insignificant. With more systematic cultivation seedlings and roots might be transplanted, and by trenching, manuring and irrigation, the produce might be greatly increased in quantity; but the owners of cardamom jungles require to have them on a longer lease, to make such extra expenditure remunerative.

245 *Coffee cultivation.*—There are but few Europeans and 177 natives in Coorg, who are not interested in coffee cultivation. [167] As the rush to the Ceylon Coffee-districts before the memorable years of 1847 and 1848, so has been the influx of European settlers to Coorg for the last 8 years. Their number is

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245 Of almost equal importance with manuring is the pruning of the trees, whereby the extravagant elaboration of the sap is checked and the fertility of the soil economised. It is this operation which makes the planter most familiar with his trees and which impresses upon the appearance of an estate as decided a stamp, as the system of training characterizes a school. It is amusing to hear a planter call one's attention to this and that "dear little tree", which he has "brought round by pruning"; but these are often the men who do justice to a plantation and who eventually succeed!

245 439 435 The export of coffee for the last 12 years, as will be seen from the subjoined table, has with the exception of the last two years been steadily increasing.

Statement of exports of Coffee from Coorg

from 1857—1869 in maunds of which 4 are equal to 1 Cwt.

Year	Coffee in maunds	Avoirdupois weight			Value at Rs. 500 per ton
		Tons.	Cwts.	Qrs.	
1857—58	46,336	579	4	0	289,600
1858—59	66,862	835	15	2	417,850
1859—60	1,11,768	1,379	2	0	689,350
1860—61	1,28,412	1,605	3	0	802,550
1861—62	1,53,781	1,922	5	1	961,125
1862—63	1,40,113	1,751	8	1	875,700
1863—64	2,34,182	2,927	5	2	1,463,625
1864—65	2,40,000	3,000	0	0	1,500,000
1865—66	2,50,000	3,125	0	0	1,562,500
1866—67	2,60,000	3,250	0	0	1,625,000
1867—68	2,40,000	3,000	0	0	1,500,000
1868—69	2,20,700	2,758	15	0	1,379,375
	20,92,154	26,133	17	2	13,066,875

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arms and the sharp edge of their knives by beheading pigs or cutting at a blow through the trunk of thick plantain trees. The long matchlock gun is now more a weapon of curiosity than of practical use, except with the poorer Coorgs, the wealthier sportsmen having supplied themselves with English rifles of the best description. Their ancient arms and ornaments were manufactured with the most simple tools by natives of Coorg.

The Coorg Rajahs used to reward men distinguished for personal bravery with silver and gold bangles, or with an ornamented large knife bearing the Rajah's stamp ☋ upon the blade and these tokens are kept as sacred heirlooms and worn on grand occasions only.

The personal appearance of the Coorg women is not less striking than that of the men. They are remarkably fair, of goodly stature, well shaped and many are really handsome before the betel-chewing, which generally begins after marriage, disfigures their regular features, and blackens their otherwise brilliant teeth. Their festive costume—and the ordinary dress differs only in quality—is one of the most becoming that can be seen in India. A white or light blue cotton jacket with long sleeves fits tight and is closed up to the neck. A long piece of white muslin or blue cotton stuff forms the skirt, being several times wrapped round the waist and tied by means of a string, so as to make the skirt fall in graceful folds almost down to the ancles whilst one end of it covers the bosom and is knotted together on the right shoulder. To give fulness to the skirt the other end is arranged in folds, which, contrary to the fashion of other Hindu women are gathered behind, a sensible arrangement and most convenient for unobstructed activity in house and field. This peculiarity did not escape the notice of the prying Brahmins who of course accounted for it by a silly Puránic legend, which at

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to be called "Rânipetta" in honour of Queen Victoria. The town, which 15 years ago was almost entirely composed of wretched thatched mud-huts, bears now, in consequence of its profitable coffee traffic and exorbitant prices permitted by free trade, the stamp of prosperity. Out of its 850 houses 281 are tiled, most of them brick built and two storied and inhabited by merchants and tradesmen. The population of 3859 souls—without the Regiment—comprises 43 different castes, but no Coorgs live in the Petta. The Petta-*Subadar's Kacheri* occupies the highest point of the town and behind it are situated the Tombs of the Coorg Rájahs (vide p. 182). Under Capt. Cole's direction Lieut. Mackenzie, the Assistant Superintendent, has greatly interested himself in the amelioration of the sanitary condition of the Petta. The streets are broad and clean; two small tanks and a number of wells and running streams supply wholesome water. Every Friday there is a market, hence Mercara is also called *Shukravára-sante* (Friday-market). In the principal street—locally the High-street—the daily requisites for food and raiment are displayed. People from Nanjarájpatna and the Mysore country bring: dry grain—such as, rági, gram, rice of the superior sorts, dál, wheat, green gram, Bengal gram—, jaggory, tamarind, potatoes, chillies, onions, garlic, turmeric, mustard, coriander, oil seeds, castor oil, sesamum oil, tobacco, betel leaves, chunam, baskets, eggs, fowl, sheep, goats, etc. Máplas from Tellicherry and Cannanore import cocoanuts, arekanuts, cocoanut oil, and dry fish; Coorgs and other ryots bring clean rice, plantains, oranges, pineapples and straw; the merchants and petty dealers spread out in their shops or in the street their merchandise: cotton, silk and woolen fabrics; potters pile up their many-shaped vessels, tailors expose their gay, ready made clothes, money-changers squat before their stores of copper coins, liquor shops attract the crowd by their gaily

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443 ornamented brandy bottles and barbers ply their handicraft
438 in retired corners of the road!

439 To the east of the town on a flat hill spur the *Government*
[305] *Central School* buildings and higher up some private dwellings are conspicuous. The "Westend" of Mercara was occupied
632 by the *Sappers' Lines*. There are still some public offices
361 left, to which some European cottages have been added to enliven that distant locality. Mercara can also boast of several *European Shops* which are well supplied to minister to the wants and luxuries of European habit and taste.

[491] The hilly nature of the locality does not admit of a great *variety of drives*, but the Fraserpet and Manjarabad highroads are generally in a very good condition and the rides along the hills to the neighbouring coffee plantations are very enjoyable.

635 *Padinálknád-taluq* with its five Náds is twice the size of
634 Mercara-taluq, but contains the same number of villages viz. 57 with a population of 20,303 souls, of whom 5611 are Coorgs and 13,256 other Hindus, 1029 Mussulmans and the
[133] rest belonging to other castes. This taluq, which extends westward of the Mercara-taluq, occupies the most hilly and wooded part of Coorg, and contains little arable, but plenty of hilly grass and forest land with the largest and most productive
[249] cardamom jungles. This part of Coorg is not opened up by
[245] Europeans, but many natives hold here coffee plantations,
[243] chiefly planted under shade. Rice cultivation, owing to the want of suitable land, is so deficient, that even the largest farms are not able to produce sufficient rice for their own consumption; the ryots in general have to buy rice for six months in the year and chiefly rely on the produce of their
[432] cardamom and coffee-gardens; but since both have not been
[249] very productive of late, the condition of the ryots in Padi-
[245] nálknád-taluq is far from flourishing. Containing the richly endowed Brahmanical Institutions at Bhágamandala and Tala-

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flourishing town, 20 miles from Mercara, on the Cannanore high-road and four miles from its junction at Perambádi with the Mysore road. It is a place of some importance on account of its coffee, rice and cardamom traffic with the Western Coast. The population amounts to 3024 souls, of whom 1,255 are Mussulmans, 1296 Hindus, 156 Jains and 313 Roman Catholic Christians, who settled here as fugitives from Tippu Sultan's conquered dominions. The town was established in 1792 by Dodda-Vírájender in commemoration of a meeting that took place between himself and General Abercromby during the first campaign against Mysore in 1791.

The town proved very unhealthy, but since the rigorous introduction of sanitary measures by Lieut. Mackenzie, generously supported by a Native Municipal Board, the health of the people has greatly improved. Vírájpet is prettily situated at the foot of the Maletambira hill on the top of which there is a large square-built temple. The town may be divided into the Roman Catholic quarter, the main bazaar and the Mussulman streets. Every Wednesday there is market, which attracts a great concourse of Coorgs. The merchandise is similar to that at Mercara. Of public buildings the most attractive is the renovated *Roman Catholic Church*, which Father Guillon reconstructed in simple gothic style and with a copper roof. The inside is gaudily ornamented with paintings and statues in stucco, his handywork, greatly to the taste and admiration of the natives. The *New Offices* of the Assistant Superintendent, the Taluq and Nád-Subadar's Kacheri behind the Traveller's Bangalow and above the town, promise to be an imposing and convenient structure, when completed. The *Traveller's Bangalow* surrounded by a high wall, is well situated on a knoll, which forms the highest point of the town. It was built of the material and on the site of the Rájah's palace, but without much regard to the convenience of European visitors who frequent the place. The

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exists amongst the ryots. The Kiggatnád rice-fields are extensive and fertile, the grass-lands parklike, the mountain streams numerous, and the forests and jungles rich in valuable timber and bamboos. The Marenád- and Brahmagiri-hills with their cascades of the Barapolle and Laksmanatírtha are picturesque and their shólas and dense forests give cover to a variety of game. Many of the undulating grass-hills (Báne), being almost bare of trees and free from stones, seem admirably suited for dry cultivation, besides there are large pieces of other waste land; but the population is rather scanty and hardly sufficient for the cultivation of their rice-fields, since the abolishment of slavery. There are both European and native coffee-plantations in the Marenád-hills; but the natives seem to derive the greater profit from them. This taluq is in great want of good roads. There is only the military highroad from Periapatna to Cannanore, which is joined at the Gonikopal bridge by a branch road leading to Ponnappet; a trace has been cut to the Taluq-Kacheri and on to Kúrchi to connect Coorg with Wynád, but the work has been stopped. From Marenád a steep ghat, called the Mépalé-ghat, leads into the Malabar country and is used by the Lumbánies and Koramára, who once a year carry rice from and salt into Coorg. A footpath leads into Wynád over the Brahmagiris by way of Tiranelli.

The south-eastern corner of Kiggatnád is unhealthy and strangers can scarcely be induced to settle there, in spite of the nearness of Kuttadámma's famous sanctuary, which cannot render the place more salubrious; fever, spleen and dropsy are the local diseases.

The Taluq-Kacheri is in *Hudikéri*. The place is well selected, being central and in a healthy locality on the top of a beautiful grass hill, whence a fine view of the Brahmagiris and Marenád-hills is obtained. An English School has been lately established and is promising well.